UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspko.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

020457

7590

07/22/2005

ANTONELLI, TERRY, STOUT & KRAUS, LLP 1300 NORTH SEVENTEENTH STREET SUITE 1800 ARLINGTON, VA 22209-3873

EXAMINER

STONER, KILEY SHAWN

ART UNIT

PAPER NUMBER

1725

DATE MAILED: 07/22/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/600,577	06/23/2003	Kinya Aota	503.35255VX2	9631

TITLE OF INVENTION: FRICTION STIR WELDING METHOD AND STRUCTURE BODY FORMED

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	· \$1700	10/24/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

CURRENT CORRESPONDEN	CE ADDRESS (Note: Use Block 1 f	or any change of address)		g a new correspondence address			
		,		Note: A certificate o Fee(s) Transmittal, T	f mailing can only be used this certificate cannot be used	for domestic mailings of the	
020457 7	590 07/22/2005				nal paper, such as an assignm te of mailing or transmission.		
ANTONELLI, T	ERRY, STOUT & I	KRAUS, LLP					
1300 NORTH SEV	ENTEENTH STREE	eT		I hereby certify that t	ertificate of Mailing or Tran his Fee(s) Transmittal is bein	smission or denosited with the Unite	
SUITE 1800				States Postal Service addressed to the Ma	with sufficient postage for fin	rst class mail in an envelop	
ARLINGTON, VA	x 22209-3873			transmitted to the USI	this Fee(s) Transmittal is bein with sufficient postage for fir il Stop ISSUE FEE address PTO (571) 273-2885, on the	date indicated below.	
				· .		(Depositor's name	
		•				(Signature)	
APPLICATION NO.						(Date)	
10/600,577	FILING DATE		FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.	
*	06/23/2003	•		a Aota	503.35255VX2	9631	
TITLE OF INVENTION: FI	RICTION STIR WELDING	METHOD AND S	TRUCTURI	E BODY FORMED	•		
ADDIN TUDE							
APPLN. TYPE	SMALL ENTITY	ISSUE FE	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400		\$300	\$1700	10/24/2005	
EXAM	INER	ART UNI	T UNIT CLASS-SUBCLASS		1		
STONER, KIL	EY SHAWN	1725		228-112100	J		
1. Change of correspondence CFR 1.363).	address or indication of "F	ee Address" (37	2. For prin	nting on the patent front page, lis	st		
	ence address (or Change of	Correspondence	(1) the nat	mes of up to 3 registered paten OR, alternatively,			
Address form PTO/SB/12	ence address (or Change of 2) attached.	Correspondence	(2) the nar	me of a single firm (houses			
PTO/SB/47; Rev 03-02 o	on (or "Fee Address" Indica r more recent) attached. Use	ation form	registered	attorney or agent) and the name of patent attorneys or agents. If	es of up to		
			naicu, no i	iame win be printed.	no name is 3		
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON TI	HE PATENT	(print or type)			
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	elow, no assignee d	ata will appe	ear on the patent. If an assigne for filing an assignment.	ee is identified below, the do	cument has been filed for	
(A) NAME OF ASSIGNE	E	(B)	PECIDENC	To City 1 STATE OF SOL			
	•	(6)		E: (CITY and STATE OR COU	INTRY)		
Please check the appropriate a	assignee category or categor	ries (will not be prin	ted on the na	atent): Individual Co			
in the following icc(s) are e	nclosed:	4b.	Payment of I	Fee(s):	rporation of other private grou	ip entity Government	
Issue Fee		Ε		n the amount of the fee(s) is enc	locad		
Publication Fee (No sm	all entity discount permitte	d) [Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of (Copies		The Director is hereby authorized by charge the acquired $G_{1}(x)$				
5. Change in Entity Status (f	Tom status indicated above	E	Deposit Acco	ount Number	(enclose an extra cop	by of this form).	
a. Applicant claims SM	ALL ENTITY status. See 3	_	h Annlica	int is no longue alaimina Charl	- Parmers	1	
The Director of the USPTO is	requested to apply the Issue	e Fee and Publicatio	n Fee (if any	ant is no longer claiming SMALI	L ENTITY status. See 37 CFF	R 1.27(g)(2).	
interest as shown by the record	dication Fee (if required) was of the United States Pater	ill not be accepted fint and Trademark O	rom anyone	(r) or to re-apply any previously other than the applicant; a regist	tered attorney or agent; or the	on identified above. assignee or other party in	
Authorized Signature				Date			
Typed or printed name				Registration N	io.		
This collection of information	is required by 37 CFR 1.31	1. The information i	s required to	obtain or retain a benefit by the ection is estimated to take 12 mi on the individual case. Any comation Officer, U.S. Patent and Tr FORMS TO THIS ADDRESS.	nublic which is to file (and b	w the LICDTO	
submitting the completed appl	ication form to the USPTO	122 and 37 CFR 1.1 D. Time will vary de	4. This colle	ection is estimated to take 12 mi	nutes to complete, including	gathering, preparing, and	
Box 1450, Alexandria, Virgini	or reducing this burden, sho a 22313-1450. DO NOT S	ould be sent to the C	hief Informa	ation Officer, U.S. Patent and Tr	rademark Office, U.S. Depart	you require to complete ment of Commerce. P.O.	
Arexandria, Virginia 22313-14 Under the Panerwork Reduction	50.	= - 220 OK CO.	LETED I	TOMMS TO THIS ADDRESS.	SEND TO: Commissioner for	Patents, P.O. Box 1450,	
	n Act of 1993, no persons a	re required to respon	nd to a collec	ction of information unless it dis	splays a valid OMB control nu	ımber.	



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/600,577 06/23/2003		Kinya Aota	503.35255VX2	9631	
020457 75	590 07/22/2005	EXAMINER			
· ·	ERRY, STOUT & K /ENTEENTH STREET	STONER, KILEY SHAWN			
SUITE 1800	ENTEENTH STREET	ART UNIT	PAPER NUMBER		
ARLINGTON, VA 22209-3873			1725		
			DATE MAILED: 07/22/2005		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 151 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 151 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.